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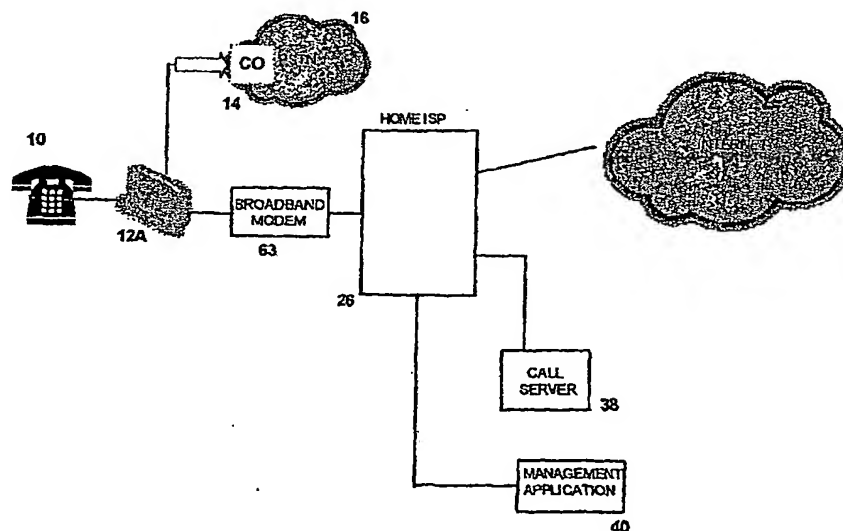
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(54) Title: SYSTEM AND PROCESS FOR ROUTING TELEPHONY COMMUNICATIONS FROM A CONVENTIONAL TELEPHONE SET THROUGH A DATA NETWORK



(57) Abstract: In a method of routing calls in a telecommunications system comprising a PSTN (16) and a public data network, a subscriber interface unit (12) provides dial tone for a standard telephony device (10), collects the dialed digits therefrom, compares at least some of the digits with a range of destination numbers to determine whether or not, according to predetermined rules, to route the call over the data network; connects through the PSTN to a data network connection point (26), converts the communication from analog to compressed digital form, places the digital communication into VOIP form, and routes the VOIP call via the data network to data connection exit point (30) convenient to the called party. The subscriber interface unit converts to analog form the VOIP data signals received from the called party via the data network and conveys same to the subscriber telephony device.

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